

**SYSTEM, METHOD & DEVICE FOR TUNING A SWITCHED
TRANSMISSION LINE FOR ETHERNET LOCAL AREA
NETWORK-ON-MOTHERBOARD (LOM)**

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ABSTRACT OF THE DISCLOSURE

10 A method, system and device are disclosed for
compensating or tuning one or more communication pathways
between an external network and an information handling
system. In one aspect, one or more inductive devices may
be coupled to one or more transmission lines coupling a
physical layer transceiver (PHY) to one of a plurality of
external network communication ports via a board-mounted
communication switch. Selection and placement, such as
15 serial placement, of the one or more inductive devices
depends, at least in part, upon one or more electrical
characteristics of the transmission lines, the PHY, the
communication switch and requirements of the external
network.